

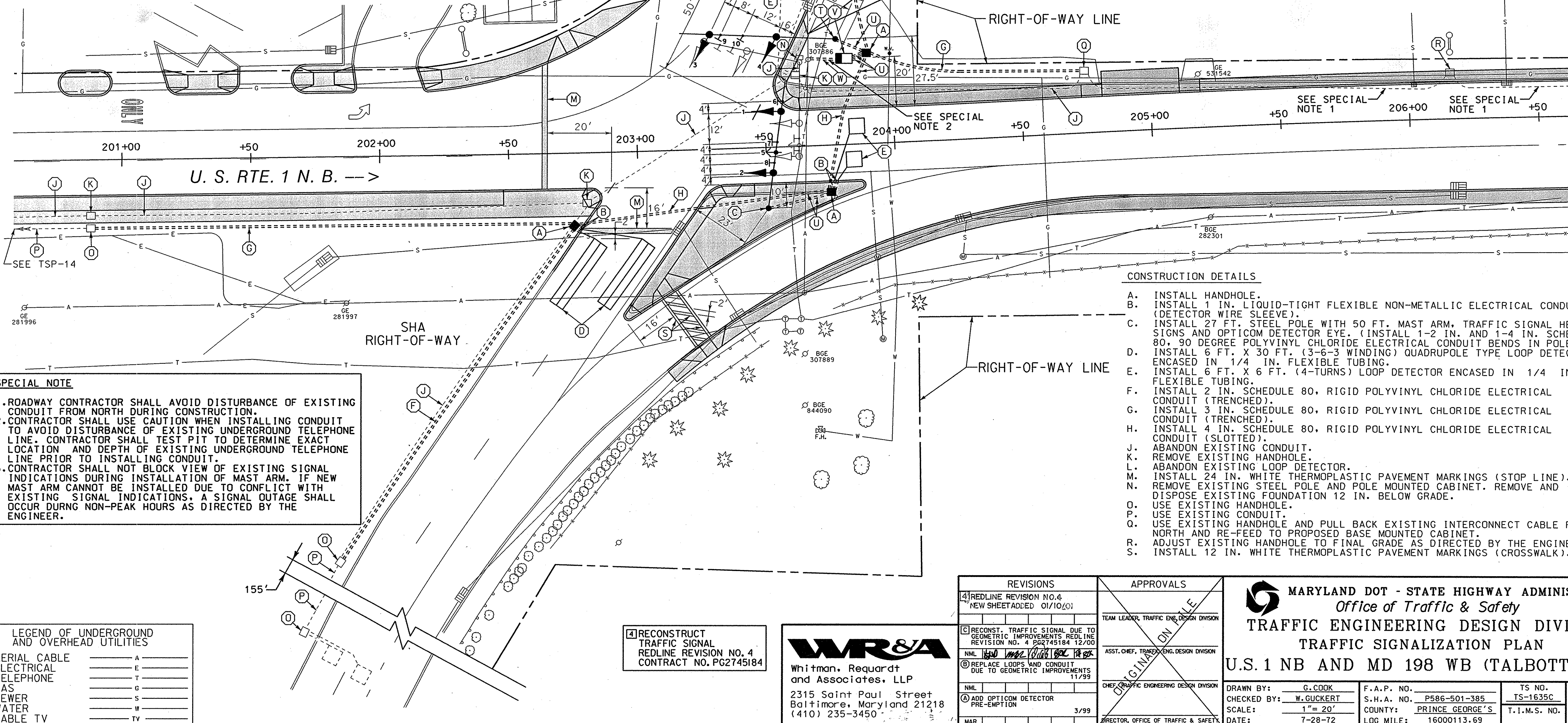
U.S. 1 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

#### CONSTRUCTION DETAILS CONT.

- T. INSTALL 27 FT. STEEL POLE WITH 60 FT. MAST ARM, TRAFFIC SIGNAL HEADS AND SIGNS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE)
- U. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- V. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD AND CONTROL AND DISTRIBUTION EQUIPMENT. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE)
- W. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. CAP AND MARK CONDUIT AT UTILITY POLE FOR USE BY OTHERS.
- X. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING 2 FT. BEHIND STOP LINE ON MD 198 WB AT U.S. 1 SB INTERSECTION.

#### GENERAL NOTES

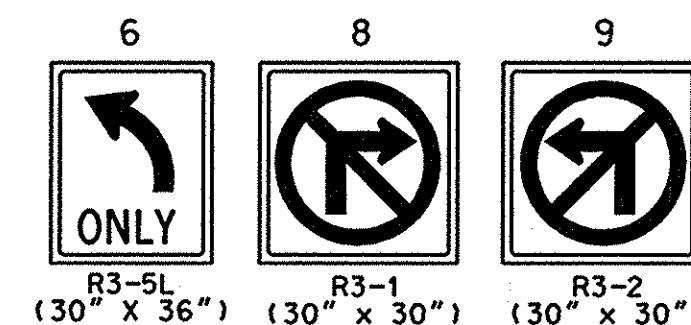
- CONTRACTOR SHALL INSTALL ALL CONDUIT AND LOOP DETECTORS PRIOR TO INSTALLATION OF PAVEMENT MARKINGS UNLESS OTHERWISE NOTED ON PLANS.
- VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- INSTALL LOOP DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL MARKING AND SIGNING DETAILS.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE FROM EXISTING CONDUIT.



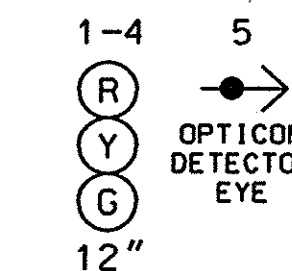
#### SIGNS

Talbot Ave  
D-3(1)  
(VARIABLE x 16")

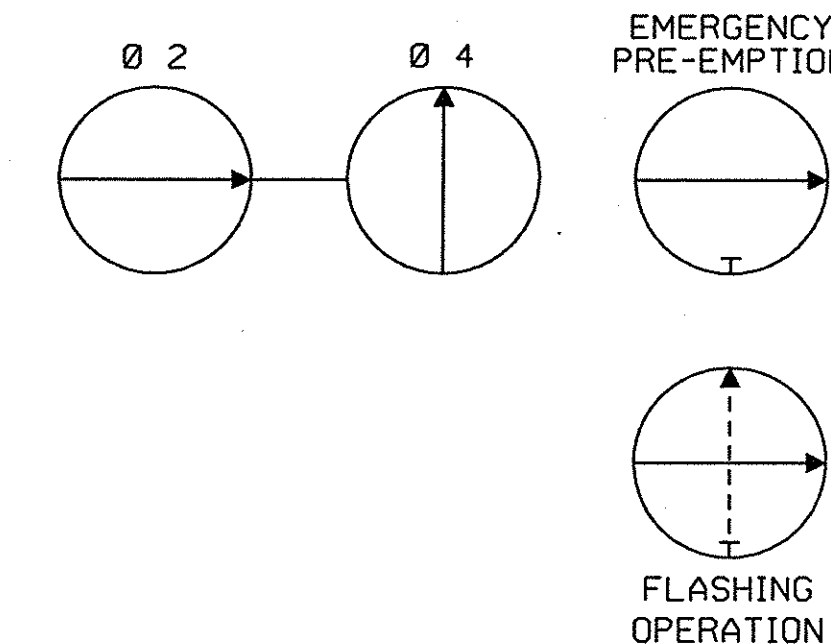
Second St. →  
D-3(1)  
(VARIABLE x 16")



#### SIGNALS



#### NEMA PHASING



#### PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

#### SPECIAL NOTE

- ROADWAY CONTRACTOR SHALL AVOID DISTURBANCE OF EXISTING CONDUIT FROM NORTH DURING CONSTRUCTION.
- CONTRACTOR SHALL USE CAUTION WHEN INSTALLING CONDUIT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND TELEPHONE LINE. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF EXISTING UNDERGROUND TELEPHONE LINE PRIOR TO INSTALLING CONDUIT.
- CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF MAST ARM. IF NEW MAST ARM CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

#### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—	A
ELECTRICAL	—	E
TELEPHONE	—	T
GAS	—	G
SEWER	—	S
WATER	—	W
CABLE TV	—	TV

4 RECONSTRUCT  
TRAFFIC SIGNAL  
REDLINE REVISION NO. 4  
CONTRACT NO. PG2745184

**WR&A**  
Whitman, Reardon  
and Associates, LLP  
2315 Saint Paul Street  
Baltimore, Maryland 21218  
(410) 235-3450

REVISIONS
4 REDLINE REVISION NO. 4 NEW SHEET ADDED 01/10/01
5 RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS REDLINE REVISION NO. 4 PG2745184 12/00 NML 1610 11/20/01 12/00 12/00
6 REPLACE LOOPS AND CONDUIT DUE TO GEOMETRIC IMPROVEMENTS 11/99
7 ADD OPTICOM DETECTOR PRE-EMPTION 3/99

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DIVISION
CHIEF, TRAFFIC ENGINEERING DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
TRAFFIC SIGNALIZATION PLAN  
U.S. 1 NB AND MD 198 WB (TALBOTT AVE.)

DRAWN BY: G. COOK	F.A.P. NO. S.H.A. NO. P586-501-385	TS NO. TS-1635C	SHEET NO. 127A OF 162
CHECKED BY: W. GUICKERT	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO.	
SCALE: 1" = 20'	LOG MILE: 16000113.69		
DATE: 7-28-72			

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